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Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (currently amended) A system for setting ~~representing~~ parameter constraints ~~governing values of~~ interrelated operating parameters of an implantable medical device ~~when one or more of the parameters is changed~~, the system comprising:

~~a plurality of interrelated operating parameters of an implantable medical device;~~

~~a user interface having depictions of a plurality of displays corresponding to said plurality of interrelated operating parameters of an implantable medical device, the user interface depicting having a range of values for each parameter wherein a change in one parameter is reflected in corresponding changes in the depiction of other parameters; and~~

~~means for maintaining a constraining relationship between said interrelated operating parameters when one of the parameters is changed or more of said plurality of displays manifests a change in value.~~

2. (previously presented) A system according to claim 1 wherein said plurality of interrelated operating parameters maintain a mathematical relationship with one another.

3. (previously presented) A system according to claim 1 wherein said interrelated operating parameters define an operationally stable performance envelope for the implantable medical device and wherein upon the adjustment of

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one of said plurality of interrelated operating parameters at least one other parameter of said interrelated operating parameters is modified.

4. (previously presented) A system according to claim 2 wherein a plurality of programmable constraints preserves the relationship by causing said plurality of interrelated operating parameters to consistently respond to a change in one of said plurality of interrelated operating parameters.

5. (currently amended) The system of claim 1 wherein a change in a constrained parameters causes at least one other constraining parameter to change change.

6.-12. (canceled)